

**A RESOLUTION
BY CITY UTILITIES COMMITTEE**

A RESOLUTION AUTHORIZING THE DEPARTMENT OF WATERSHED MANAGEMENT TO AMEND THE TASK ORDER TO ATLANTA SERVICES GROUP FOR FC-7619-03B, CITY WIDE ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, SOUTH RIVER TUNNEL AND PUMPING STATION ENGINEERING & MANAGEMENT SUPPORT DURING CONSTRUCTION, ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT, AS AUTHORIZED BY RESOLUTION NO. 09-R-1231, TO INCLUDE AN ADDITIONAL AMOUNT NOT TO EXCEED FOUR HUNDRED FIFTY THOUSAND DOLLARS AND NO CENTS (\$450,000.00) FOR ADDITIONAL FUNDING FOR WORK ASSOCIATED WITH THE SOUTH RIVER BASIN RELIEF SEWERS - PUMP STATION AND RELIEF SEWERS, TO INCLUDE THE CONTINUATION AND COMPLETION OF SERVICES THAT INCLUDE INSPECTION SERVICES DURING THE CONSTRUCTION PHASE AT THE SOUTH RIVER TUNNEL AND PUMPING STATION; ALL CONTRACTED WORK WILL BE CHARGED TO AND PAID FROM PROJECT TASK AWARD EXPENSE AND ORGANIZATION NUMBER 17102648.102.505821445.5212001 AND FUND DEPARTMENT ORGANIZATION ACCOUNT NUMBER 5058 (2004 WATER & WASTEWATER BOND FUND) 170215 (DWM WASTEWATER SEWER REPAIR) 5212001 (CONSULTING / PROFESSIONAL SERVICES) 4333000 (NEW SEWER SERVICES). 102648 (SOUTH RIVER BASIN RELIEF PROJECTS). 21445 (DWM 2004 BOND 9999); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta did enter into FC-7619-03B, Annual Contract for Architectural and Engineering Services, on behalf of the Department of Watershed Management; and

WHEREAS, Resolution No. 09-R-1231 authorized the Department of Watershed Management to issue a Notice to Proceed for a task order to Atlanta Services Group for FC-7619-03B, City Wide Annual Contract for the purpose of providing architectural and engineering services for the South River Tunnel and Pumping Station Engineering & Management Support During Construction in an amount not to exceed Four Hundred Fifty Thousand Dollars and No Cents (\$450,000.00) for which the Notice to Proceed was issued to the Contractor on October 20, 2009 ("Task Order"); and

WHEREAS, the Commissioner of the Department of Watershed Management requires additional funding for the continuation and completion of services that include inspection services during the construction phase at the South River Tunnel and Pumping Station; and

WHEREAS, the Commissioner of the Department of Watershed Management and the Chief Procurement Officer have recommended the amendment of the Task Order to include additional funding for the continuation and completion of services that include inspection services during the construction phase at the South River Tunnel and Pumping Station, pursuant to FC-7619-03B, to Atlanta Services Group .

THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY RESOLVES, that the Department of Watershed Management is authorized to issue an Amended Task Order to Atlanta Services Group for FC-7619-03B, City Wide Annual Contract for Architectural and Engineering Services for the purpose of providing additional funding for the continuation and completion of services that include inspection services during the construction phase at the South River Tunnel and Pumping Station, in an amount not to exceed Four Hundred Fifty Thousand Dollars and No Cents (\$450,000.00).

BE IT FINALLY RESOLVED, that all contracted work will be charged to and paid from Project Task Award Expense and Organization Number 17102648.102.505821445.5212001 And Fund Department Organization Account Number 5058 (2004 Water & Wastewater Bond Fund) 170215 (DWM Wastewater Sewer Repair) 5212001 (Consulting / Professional Services) 4333000 (New Sewer Services). 102648 (South River Basin Relief Projects). 21445 (DWM 2004 Bond 9999).

LEGISLATIVE SUMMARY

TO: City Utilities Committee

CAPTION

A RESOLUTION AUTHORIZING THE DEPARTMENT OF WATERSHED MANAGEMENT TO AMEND THE TASK ORDER TO ATLANTA SERVICES GROUP FOR FC-7619-03B, CITY WIDE ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, SOUTH RIVER TUNNEL AND PUMPING STATION ENGINEERING & MANAGEMENT SUPPORT DURING CONSTRUCTION, ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT, AS AUTHORIZED BY RESOLUTION NO. 09-R-1231, TO INCLUDE AN ADDITIONAL AMOUNT NOT TO EXCEED FOUR HUNDRED FIFTY THOUSAND DOLLARS AND NO CENTS (\$450,000.00) FOR ADDITIONAL FUNDING FOR WORK ASSOCIATED WITH THE SOUTH RIVER BASIN RELIEF SEWERS - PUMP STATION AND RELIEF SEWERS, TO INCLUDE THE CONTINUATION AND COMPLETION OF SERVICES THAT INCLUDE INSPECTION SERVICES DURING THE CONSTRUCTION PHASE AT THE SOUTH RIVER TUNNEL AND PUMPING STATION; ALL CONTRACTED WORK WILL BE CHARGED TO AND PAID FROM PROJECT TASK AWARD EXPENSE AND ORGANIZATION NUMBER 17102648.102.505821445.5212001 AND FUND DEPARTMENT ORGANIZATION ACCOUNT NUMBER 5058 (2004 WATER & WASTEWATER BOND FUND) 170215 (DWM WASTEWATER SEWER REPAIR) 5212001 (CONSULTING / PROFESSIONAL SERVICES) 4333000 (NEW SEWER SERVICES); AND FOR OTHER PURPOSES.

Committee Meeting Date:	December 1, 2009
Council Meeting Date:	December 7, 2009
Legislation Title:	FC-7619-03B, CITY WIDE ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, SOUTH RIVER TUNNEL AND PUMPING STATION ENGINEERING & MANAGEMENT SUPPORT DURING CONSTRUCTION
Requesting Dept.:	Watershed Management
Contract Type:	Professional Services RFP
Advertisement:	October 26, 2003
Bids/Proposals Due:	January 7, 2004

Invitations Mailed: 146

Bids/Proposals Received: 12

Arcadis/BPA-(Brindley Pieters & Associates) – Joint Venture
Atlanta Architects & Engineers, Joint Venture
Atlanta Services Group, a Joint Venture
Infrastructure Partners-Joint Venture (B & Jackson/ HDR/
Malcom Pirnie)
Brown and Caldwell/Deloan Hampton & Associates/Long
Engineering Inc. - Joint Venture
CH2M Hill/Williams-Russell and Johnson – Joint Venture
Earthtech/IMCo Joint Venture
HTL - Harrington, Tetra Tech & Lowe-Joint Venture
JP² (Jacobs, Prad, PBS&J) – Joint Venture
Metcalf & Eddy/Cardozo Engineering-Joint Venture
Parsons Brinckerhoff & Khafra-Joint Venture
Shaw Environmental Inc. /AIM Partners, PLC- JV

Bidders/Proponents:

- (1) CH2M Hill/Williams-Russell and Johnson
- (2) Atlanta Services Group
- (3) JP² (Jacobs, Prad, PBS&J)
- (4) Shaw/ Aim, Joint Venture
- (5) Metcalf & Eddy/Cardozo Engineering, Joint Venture
- (6) Arcadis/Brindley Pieters & Associates, Joint Venture

Contractor:

Arcadis/Brindley Pieters & Associates, Joint Venture

Estimated Value:

\$ 450,000.00

Scope Summary:

The South River Tunnel and Pumping Station (SRTPS) is the First Amended Consent Decree project with a substantial completion date requirement of July 1, 2011. At the request of the Department of Watershed Management (DWM), ASG has prepared a Scope of Services for engineering and Management support during construction of the SRTPS including providing engineering support (both field and office) for the work that was designed by Metcalf & Eddy/Cardozo Engineering, JV. the purpose of this Amendment of the task order is to provide additional funding for the continuation and completion of services that include inspection services during the construction phase at the South

River Tunnel and Pumping Station, in an amount not to exceed Four Hundred Fifty Thousand Dollars and No Cents (\$450,000.00).

Background:

Original executed on May 17, 2004, expired on May 16, 2006

A Ninety Day extension effective term began on May 17, 2006 to August 15, 2006

Renewal Agreement No. 1 effective term began on August 16, 2006 to August 15, 2007

Renewal Agreement No. 2, effective term began on August 16, 2007 to August 15, 2008

Renewal Agreement No. 3, effective term began on August 16, 2008 to August 15, 2009

Evaluation Team:

DPRCA, DWM, DPW, DPCD, OGA, OCC and Risk Management

Term of Contract:

Two (2) years with an option to renew for three (3) one (1) year periods

Fund Account Centers:

Project Task Award Expense and Organization Number 17102648.102.505821445.5212001 And Fund Department Organization Account Number 5058 (2004 Water & Wastewater Bond Fund) 170215 (DWM Wastewater Sewer Repair) 5212001 (Consulting / Professional Services) 4333000 (New Sewer Services).

Prepared By:

Anthony Stanley

Contact Number:

404-330-6384

**Project
Participation:**

Arcadis/Brindley Pieters & Associates a JV		(15 pts.)
Brindley Pieters	AABE	40%
Smith Real Estate Services, Inc.	AABE	3%
PEQ, Inc.	AABE	3%

Willmer Engineering, Inc.	FBE	1%
Architecture Group, Inc.	FBE	7%
Edwards-Pitman Environmental, Inc.	FBE	3%
Participation Total		57%



SHIRLEY FRANKLIN
MAYOR

CITY OF ATLANTA
55 TRINITY AVENUE., SW, SUITE 5400, SOUTH BLDG.
ATLANTA, GEORGIA 30303-0324
OFFICE (404) 330-6081
FAX (404) 658-7194

DEPARTMENT OF
WATERSHED MANAGEMENT
ROBERT J. HUNTER
Commissioner

M E M O R A N D U M

TO: Adam L. Smith, Chief Procurement Officer
Department of Procurement

FROM: Robert J. Hunter, Commissioner
Department of Watershed Management *Robert J. Hunter 4008*

DATE: November 30, 2009

RE: LEGISLATIVE REQUEST -
FC-7619-03B, TASK ORDER, Citywide Annual Contract for Architectural &
Engineering Services for the South River Tunnel and Pumping Station –
Engineering & Management Support
Contractor: Atlanta Services Group

Please prepare appropriate legislation for **Cycle 20 (December 7, 2009)** for the above referenced contract with Atlanta Services Group, in an amount not to exceed Four Hundred Fifty Thousand Dollars and No Cents (\$450,000.00). The purpose of this request is to provide additional Construction Management Services and funding for work associated with the South River Basin Relief Sewers – Tunnel and Pumping Station.

These Services shall be charged to and paid from **PTAEO:** 17102648.102.505821445.5212001 and **FDOA:** 5058 (2004 Water & Wastewater Bond Fund). 170215 (DWM Wastewater Sewer Repair). 5212001 (Consulting/Professional Services) 4333000 (New Sewer Services). 102648 (South River Basin Relief Projects). 21445 (DWM 2004 Bond 9999).

All contract terms, conditions, stipulations of the original Task Order shall remain the same.

Should have any additional questions concerning this matter, please feel free to contact Cynthia P. Brinkley, Contracting Officer, Sr., at (404) 330-6096.

/cpb

C: Sheila C. Pierce, Deputy Commissioner – DWM
George Barnes, Deputy Commissioner – BOE
Cathy Martin, Deputy Chief Procurement Officer – DOP
Gwendolyn J. Carswell, Watershed Manager – DWM
M. Theresa Stewart, Legislative Counsel – DOL
Maisha Land Wood, Legislative Liaison – DWM
Anthony Stanley, Contracting Officer - DOP
Cynthia P. Brinkley, Contracting Officer, Sr. – DWM

Part II: Legislative White Paper: (This portion of the Legislative Request Form will be shared with City Council members and staff)

A. To be completed by Legislative Counsel:

Committee of Purview: City Utilities

Caption: A RESOLUTION AUTHORIZING THE DEPARTMENT OF WATERSHED MANAGEMENT TO AMEND THE TASK ORDER TO ATLANTA SERVICES GROUP FOR FC-7619-03B, CITY WIDE ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, SOUTH RIVER TUNNEL AND PUMPING STATION ENGINEERING & MANAGEMENT SUPPORT DURING CONSTRUCTION, ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT, AS AUTHORIZED BY RESOLUTION NO. 09-R-1231, TO INCLUDE AN ADDITIONAL AMOUNT NOT TO EXCEED FOUR HUNDRED FIFTY THOUSAND DOLLARS AND NO CENTS (\$450,000.00) FOR ADDITIONAL FUNDING FOR WORK ASSOCIATED WITH THE SOUTH RIVER BASIN RELIEF SEWERS - PUMP STATION AND RELIEF SEWERS, TO INCLUDE THE CONTINUATION AND COMPLETION OF SERVICES THAT INCLUDE INSPECTION SERVICES DURING THE CONSTRUCTION PHASE AT THE SOUTH RIVER TUNNEL AND PUMPING STATION; ALL CONTRACTED WORK WILL BE CHARGED TO AND PAID FROM PROJECT TASK AWARD EXPENSE AND ORGANIZATION NUMBER 17102648.102.505821445.5212001 AND FUND DEPARTMENT ORGANIZATION ACCOUNT NUMBER 5058 (2004 WATER & WASTEWATER BOND FUND) 170215 (DWM WASTEWATER SEWER REPAIR) 5212001 (CONSULTING / PROFESSIONAL SERVICES) 4333000 (NEW SEWER SERVICES); AND FOR OTHER PURPOSES.

Council Meeting Date: December 7, 2009

B. To be completed by the department:

1. Please provide a summary of the purpose of this legislation (Justification Statement).

Example: The purpose of this legislation is to anticipate funds from a local assistance grant to purchase child safety seats.

The purpose of this legislation is to issue an Amended Task Order to Atlanta Services Group for FC-7619-03B, City Wide Annual Contract for Architectural and Engineering Services for the purpose of providing additional funding for the continuation and completion of services that include inspection services during the construction phase at the South River Tunnel and Pumping Station, in an amount not to exceed Four Hundred Fifty Thousand Dollars and No Cents (\$450,000.00).

2. Please provide background information regarding this legislation.

Example: The task force of homelessness conducted a study regarding homelessness, its impact and consequences on the City. This resolution reflects the Mayor's desire to open a twenty-four hour center that will respond to the needs of the homelessness in Atlanta.

3. If Applicable/Known:

(a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):**

(b) **Source Selection:**

(c) Bids/Proposals Due:

(d) Invitations Issued:

(e) Number of Bids:

(f) Proposals Received:

(g) Bidders/Proponents:

(h) Term of Contract:

4. Fund Account Center (*Ex. Name and number*): Project Task Award Expense and Organization Number 17102648.102.505821445.5212001 And Fund Department Organization Account Number 5058 (2004 Water & Wastewater Bond Fund) 170215 (DWM Wastewater Sewer Repair) 5212001 (Consulting / Professional Services) 4333000 (New Sewer Services).

Fund: _____ **Account:** _____ **Center:** _____

5. Source of Funds: *Example: Local Assistance Grant*

6. Fiscal Impact: \$450,000.00

Example: *This legislation will result in a reduction in the amount of _____ to Fund Account Center Number _____.*

7. Method of Cost Recovery:

Examples:

- a. Revenues generated from the permits required under this legislation will be used to fund the personnel needed to carry out the permitting process.*
- b. Money obtained from a local assistance grant will be used to cover the costs of this Summer Food Program.*

This Legislative Request Form Was Prepared By: Maisha Wood

**City of Atlanta, Department of Watershed Management
South River Tunnel and Pumping Station**

**Proposal and Scope of Services
Engineering & Management Support During Construction**

Introduction

The South River Tunnel and Pumping Station (SRTPS) is a First Amended Consent Decree project with a substantial completion date requirement of July 1, 2011. Consequently, the project has a construction schedule which is anticipated to require a 24-hour per day, six days per week construction.

The tunnel portion of the project, including the tunnel intakes and associated sewer lines and diversion structures, were designed by Atlanta Services Group, J.V. (ASG). The pumping station and associated structures on the South River Water Reclamation Center was designed by Metcalf and Eddy/Cardozo J.V.

At the request of the Department of Watershed Management (DWM), ASG has prepared the following scope of services and for engineering and management support during construction of the SRTPS. The budget included with this proposal includes the estimated fee required to fund the construction management services from June 2009 through December 2009 to allow for procurement of new contracts for architectural, engineering, and design services.

Scope of Services

ASG's scope of services is described below. The scope was developed based on discussion with DWM. Project control support for scheduling and cost estimating will be provided by the ASG home office.

The scope of services has been divided into three tasks as follows:

- I. Construction Contract Administration (Field)
- II. Geotechnical Engineering (Field)
- III. Engineering Support (Home Office)

I. Construction Contract Administration (Field)

- a. Prepare and submit to DWM weekly progress reports addressing issues, progress and conformance of the work with the project drawings and specifications.

- b. Host and oversee weekly progress meetings with the City's Construction Manager and the Contractor and the quarterly meetings with the Dispute Review Board (DRB) members to review performance and progress of the work and other contractual issues.
- c. Review both Contractor and DWM initiated change order or work task orders for work authorized under the Change Order and Extra Work provisions of the contract.
- d. Review Differing Site Conditions (DSC) claims and make recommendations to DWM in managing and resolution of such claims.
- e. Prepare letters of recommendation and draft letters for DWM consideration on pertinent contract matters, and after consultation with DWM.
- f. Review laboratory, shop, field and mill test reports of permanent materials and equipment.
- g. Review and process submittals and RFI's submitted by the Contractor. Refer submittals and RFI's relating to the permanent structures to the appropriate home office staff for review and approval.
- h. Review and make recommendations regarding certification of Contractor requests for monthly progress payments.
- i. Assist DWM with public inquiries and concerns as needed.
- j. Review "redline" record drawings from the Contractor.
- k. Review and file reports and other submittals from the Contractor as required by the Contract Documents.
- l. Assemble and submit to DWM written guarantees/warranties from the Contractor required by the contract documents.
- m. Review Contractor request(s) for final contract payment.
- n. Review, monitor, and make recommendations to DWM regarding Contractor's as-planned and subsequent changes to the construction schedule as appropriate.
- o. For TBM tunnel excavation, collect and evaluate TBM performance data.
- p. Review Contractor's schedule of values.
- q. Evaluate Value Engineering Change Proposals and make recommendations to DWM.
- r. Recommend when substantial completion should be given to the Contractor.
- s. Monitor contractor's progress in accordance with the approved project schedule.
- t. Prepare reports of the tunnel heading activities accounting for the entire shift duration: TBM cutting time and other components of the shove cycle, TBM downtimes by category, tunnel face geology and groundwater inflow by location and estimated flow rate, initial support types selected and installation time during the shift, daily records of labor, equipment and materials.
- u. Monitor the Contractor's operations for underground works including excavation and lining of the pumping station shaft, Main Tunnel, Jonesboro Road Connecting tunnel, and the construction shafts for general conformance with the Contract Documents and document the observations with daily reports.
- v. Monitor Contractor's compliance with blasting vibration and air overpressure limits.
- w. Review Contractor quality control and materials testing programs and provide recommendations to DWM.

II. Geotechnical Engineering (Field)

- a. Perform geologic mapping of the tunnels and shafts.
- b. Assist DWM with review of differing site conditions (DSC) claims.
- c. Review appropriateness of the Contractor's initial support system relative to geology encountered,



- d. Monitor magnitude of groundwater inflows in the tunnel, and recommend groundwater controls and methods.

III. Engineering Support (Home Office)

- a. Coordination of technical staff, administration of contract and invoicing, and monitor cost and budget for ASG's services.
- b. Review technical submittals, RFIs and issue design clarifications as required and requested by the field construction management staff.
- c. Perform minor design changes as authorized by DWM.
- d. Assist or perform evaluation of Value Engineering Change proposals, and if approved by DWM, perform the necessary design changes as required in accordance with the value engineering clauses of the construction contract.
- e. Coordinate the efforts of the field construction activities and the home engineering offices.
- f. Maintain a master log of drawing changes issued during the performance of the construction contract.
- g. As required, attend project meetings with Contractor, review the project, and coordinate with DWM.
- h. Conduct one blasting workshop that includes information on blasting technology and safety procedures.
- i. Attend regularly scheduled quarterly meetings with the Dispute Review Board (DRB). Make presentations to the DRB on geotechnical and other issues on behalf of DWM as required.
- j. Attend meetings with DWM to review performance and progress of the work and other contractual issues.
- k. Review cost estimates for construction contract changes and prepare recommendations to DWM regarding the estimates.
- l. Review as-planned schedule submitted by Contractor (and updates), monitor performance of Contractor with respect to the schedule, and issue monthly project status reports to DWM.
- m. Prepare final record drawings from Contractor final field "redline" markups and issue three copies of final record drawings to the City on a CD.
- n. Participate in final review of the project for compliance with the technical provisions of the contract documents.

Project Schedule and Staffing Plan

ASG's organization chart for the project is shown on Figure 1. This chart includes the positions for ASG personnel as well as the City and M&E staff. ASG developed a project schedule for preparation of the staffing plan for ASG's field and office personnel. The project schedule is included as Figure 2. The staffing plan for ASG personnel based on this schedule is shown on Table 1. ASG's schedule and staffing plan were based on assumptions regarding the Contractor's approach and timing of the work. The actual project schedule developed by the Contractor may be different than the schedule prepared by ASG. Consequently, ASG's staffing plan may need to be revised to address the Contractor's actual project schedule.



Fee

A summary of ASG's fees for the scope of services and assumed project duration are included in Table 2. The cost for the services includes hourly costs for personnel as well as other direct costs (ODCs). In preparing the fees for the work, ASG made the following assumptions;

- the City will provide offices and office support equipment (i.e., copiers, fax, phone, computers) for ASG site personnel; and
- ASG will supply a vehicle for the Project Coordinator.

It is understood that an amendment to Contract Agreement FC-7619-03B, Annual Contract for Architectural and Engineering Services will be provided by the City to extend this contract until December 31, 2009.

Conditions of Engagement and Basis of Payment

ASG's work will be completed under the existing Contract between Atlanta Services Group, a JV and the City of Atlanta dated May 17, 2004. Billing will be based on actual accrued time and expenses in accordance with the Contract rates.



Table 1
South River Tunnel and Pumping Station
Construction Management Staffing Plan

South River Tunnel		2009											
Staff Type	Billing Category	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HOME OFFICE (Man Hours)													
Project Director	Engineer 8	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Project Engineer - Tunnels & Shafts	Engineer 8	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
St. Engineering Geologist	Engineer 8	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
Intake & Diversion Structure Engineer	Engineer 7	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Tunnel Engineer	Engineer 6	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Designer	Designer 4	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Groundwater Monitoring	Engineer 5	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Admin Assistant	Man of Admin. Services	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
Project Administrator	Engineer 6	40.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Project Control Engineer	Scheduler	176.0	152.0	132.0	132.0	140.0	188.0	216.0	216.0	216.0	216.0	216.0	216.0
SUBTOTAL Man-Hours Home Office													
FIELD OFFICE (Man Months)													
Resident Engineer	Engineer 8	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Office Engineer	Engineer 7	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Chief Tunnel/Construction Inspector	Engineer 6	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Tunnel Insp. - SR Shaft and Main Tunnel	Resident Engineer												
Tunnel Insp. - SR Shaft and Main Tunnel	Resident Engineer												
Tunnel Insp. - SR Shaft and Main Tunnel	Resident Engineer												
Tunnel Insp. - SR Shaft and Main Tunnel	Resident Engineer												
Tunnel Insp. - Connecting Tunnel	Resident Engineer												
Tunnel Insp. - Connecting Tunnel	Resident Engineer												
Tunnel Insp. - Connecting Tunnel	Resident Engineer												
Tunnel Insp. - Connecting Tunnel	Resident Engineer												
Tunnel Insp. - Macon Dk. and PS Shaft	Resident Engineer												
Tunnel Insp. - Macon Dk. and PS Shaft	Resident Engineer												
Tunnel Insp. - Macon Dk. and PS Shaft	Resident Engineer												
Tunnel Insp. - Macon Dk. and PS Shaft	Resident Engineer												
Site Geologist	Engineer 5												
Inspector - Modified Contact Grouting	Engineer 6												
Inspector - Modified Contact Grouting	Engineer 5												
Project Coordinator	Engineer 6												
SUBTOTAL Man-Months Field Office													
TOTAL (Man Hours)													
		1,162	1,138	1,784	1,651	2,142	2,541	2,569	2,569	2,569	2,569	2,569	3,289

Table 2
Summary of Fees
South River Tunnel and Pumping Station

ASG Staff Classification	2009											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HOME OFFICE												
Engineer 8	Hours	0	0	0	60	60	40	40	40	88	104	104
	Revenue	\$ -	\$ -	\$ -	\$ 10,484	\$ 10,484	\$ 6,990	\$ 6,990	\$ 15,377	\$ 18,173	\$ 18,173	\$ 18,173
Engineer 7	Hours	0	0	0	16	16	16	16	16	16	16	16
	Revenue	\$ -	\$ -	\$ -	\$ 2,402	\$ 2,402	\$ 2,402	\$ 2,402	\$ 2,402	\$ 2,402	\$ 2,402	\$ 2,402
Engineer 6	Hours	0	0	0	28	28	28	28	28	40	40	40
	Revenue	\$ -	\$ -	\$ -	\$ 3,447	\$ 3,447	\$ 3,447	\$ 3,447	\$ 3,447	\$ 4,924	\$ 4,924	\$ 4,924
Engineer 5	Hours	0	0	0	0	0	0	8	8	8	8	8
	Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 801	\$ 801	\$ 801	\$ 801	\$ 801
Designer 4	Hours	0	0	0	16	16	16	16	16	16	16	16
	Revenue	\$ -	\$ -	\$ -	\$ 1,476	\$ 1,476	\$ 1,476	\$ 1,476	\$ 1,476	\$ 1,476	\$ 1,476	\$ 1,476
Man of Admin. Services	Hours	0	0	0	16	16	16	16	16	16	16	16
	Revenue	\$ -	\$ -	\$ -	\$ 1,140	\$ 1,140	\$ 1,140	\$ 1,140	\$ 1,140	\$ 1,140	\$ 1,140	\$ 1,140
Scheduler	Hours	0	0	0	40	16	16	16	16	16	16	16
	Revenue	\$ -	\$ -	\$ -	\$ 4,154	\$ 1,661	\$ 1,661	\$ 1,661	\$ 1,661	\$ 1,661	\$ 1,661	\$ 1,661
HOME OFFICE SUBTOTAL	Revenue	\$ -	\$ -	\$ -	\$ 23,103	\$ 20,611	\$ 17,116	\$ 17,116	\$ 17,917	\$ 26,304	\$ 30,578	\$ 30,578
FIELD OFFICE												
Engineer 8	Hours	0	0	0	173	173	173	173	173	173	173	173
	Revenue	\$ -	\$ -	\$ -	\$ 27,580	\$ 27,580	\$ 27,580	\$ 27,580	\$ 27,580	\$ 27,580	\$ 27,580	\$ 27,580
Engineer 7	Hours	0	0	0	208	208	208	208	208	208	208	208
	Revenue	\$ -	\$ -	\$ -	\$ 28,443	\$ 28,443	\$ 28,443	\$ 28,443	\$ 28,443	\$ 28,443	\$ 28,443	\$ 28,443
Engineer 6	Hours	0	0	0	372	372	372	372	372	372	372	372
	Revenue	\$ -	\$ -	\$ -	\$ 41,435	\$ 41,435	\$ 41,435	\$ 41,435	\$ 41,435	\$ 41,435	\$ 41,435	\$ 41,435
Engineer 5	Hours	0	0	0	0	0	199	199	199	199	199	199
	Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,158	\$ 18,158	\$ 18,158	\$ 18,158	\$ 18,158	\$ 18,158
Resident Engineer	Hours	0	0	0	234	234	701	1051	1401	1401	1401	1401
	Revenue	\$ -	\$ -	\$ -	\$ 20,800	\$ 20,800	\$ 62,400	\$ 83,600	\$ 124,800	\$ 124,800	\$ 124,800	\$ 124,800
FIELD OFFICE SUBTOTAL	Revenue	\$ -	\$ -	\$ -	\$ 118,258	\$ 118,258	\$ 178,016	\$ 157,216	\$ 209,216	\$ 240,416	\$ 240,416	\$ 240,416
ODC's	Revenue	\$ -	\$ -	\$ -	\$ 1,330	\$ 1,330	\$ 1,330	\$ 1,330	\$ 1,330	\$ 1,330	\$ 1,330	\$ 1,330
SUB's	Revenue	\$ -	\$ -	\$ -	\$ 1,875.00	\$ 1,875.00	\$ 1,875.00	\$ 1,875.00	\$ 1,875.00	\$ 1,875.00	\$ 1,875.00	\$ 1,875.00
Monthly Totals	Revenue	\$ -	\$ -	\$ -	\$ 144,566	\$ 142,074	\$ 198,337	\$ 177,537	\$ 230,336	\$ 268,926	\$ 274,199	\$ 336,599
Cumulative Totals	Revenue	\$ -	\$ -	\$ -	\$ 144,566	\$ 286,640	\$ 484,977	\$ 662,514	\$ 892,852	\$ 1,162,778	\$ 1,436,976	\$ 1,771,175

Table 2
Summary of Fees
South River Tunnel and Pumping Station

ASG Staff Classification	2009		Totals
	Aug	Sep	
HOME OFFICE			
Engineer 8	Hours 6 Revenue \$ 1,048	8 \$ 1,398	14 \$ 2,446
Engineer 7	Hours 4 Revenue \$ 601	4 \$ 601	8 \$ 1,201
Engineer 6	Hours 12 Revenue \$ 1,477	12 \$ 1,477	24 \$ 2,955
Engineer 5	Hours 0 Revenue \$ -	0 \$ -	0 \$ -
Designer 4	Hours 2 Revenue \$ 184	2 \$ 184	4 \$ 369
Man of Admin. Services	Hours 4 Revenue \$ 285	4 \$ 285	8 \$ 570
Scheduler	Hours 4 Revenue \$ 415	4 \$ 415	8 \$ 831
HOME OFFICE SUBTOTAL	Hours 32 Revenue \$ 4,011	34 \$ 4,361	66 \$ 8,372
FIELD OFFICE			
Engineer 8	Hours 52 Revenue \$ 8,274	173 \$ 27,580	225 \$ 35,854
Engineer 7	Hours 62 Revenue \$ 8,533	208 \$ 28,443	270 \$ 36,976
Engineer 6	Hours 112 Revenue \$ 12,431	372 \$ 41,435	484 \$ 53,866
Engineer 5	Hours 60 Revenue \$ 5,447	199 \$ 18,158	259 \$ 23,606
Resident Engineer	Hours 374 Revenue \$ 33,280	1285 \$ 114,400	1658 \$ 147,680
FIELD OFFICE SUBTOTAL	Hours 659 Revenue \$ 67,965	2,236 \$ 230,016	2895 \$ 297,981
ODC's	Hours 2,200 Revenue \$ 8,650.00	2,200 \$ 8,657.00	4,400 \$ 17,307
Monthly Totals	Hours 82,826 Revenue \$ 82,826	245,234 \$ 245,234	328,060 \$ 328,060

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: GREG PRIDGEON

Dept.'s Legislative Liaison: Maisha L. Wood

Contact Number: (404) 330-6887

Originating Department: Department of Watershed Management

Committee(s) of Purview: City Utilities Committee

Chief of Staff Deadline: November 17, 2009

Anticipated Committee Meeting Date(s): December 1, 2009

Anticipated Full Council Date: December 7, 2009

Legislative Counsel's Signature: [Signature]

Commissioner Signature: [Signature]

Chief Procurement Officer Signature: [Signature]

CAPTION

A RESOLUTION AUTHORIZING THE DEPARTMENT OF WATERSHED MANAGEMENT TO AMEND THE TASK ORDER TO ATLANTA SERVICES GROUP FOR FC-7619-03B, CITY WIDE ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, SOUTH RIVER TUNNEL AND PUMPING STATION ENGINEERING & MANAGEMENT SUPPORT DURING CONSTRUCTION, ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT, AS AUTHORIZED BY RESOLUTION NO. 09-R-1231, TO INCLUDE AN ADDITIONAL AMOUNT NOT TO EXCEED FOUR HUNDRED FIFTY THOUSAND DOLLARS AND NO CENTS (\$450,000.00) FOR ADDITIONAL FUNDING FOR WORK ASSOCIATED WITH THE SOUTH RIVER BASIN RELIEF SEWERS - PUMP STATION AND RELIEF SEWERS, TO INCLUDE THE CONTINUATION AND COMPLETION OF SERVICES THAT INCLUDE INSPECTION SERVICES DURING THE CONSTRUCTION PHASE AT THE SOUTH RIVER TUNNEL AND PUMPING STATION; ALL CONTRACTED WORK WILL BE CHARGED TO AND PAID FROM PROJECT TASK AWARD EXPENSE AND ORGANIZATION NUMBER 17102648.102.505821445.5212001 AND FUND DEPARTMENT ORGANIZATION ACCOUNT NUMBER 5058 (2004 WATER & WASTEWATER BOND FUND) 170215 (DWM WASTEWATER SEWER REPAIR) 5212001 (CONSULTING / PROFESSIONAL SERVICES) 4333000 (NEW SEWER SERVICES); AND FOR OTHER PURPOSES.

FINANCIAL IMPACT (if any): \$450,000.00

Mayor's Staff Only

Received by CPO: _____ (date) Received by LC from CPO: _____ (date)

Received by Mayor's Office: 12/1/09 (date) Reviewed by: [Signature] (date)

Submitted to Council: 12/1/09 (date)